

Designer Plus

Sample Cabinet Layer Details

from



By Rod Davidson

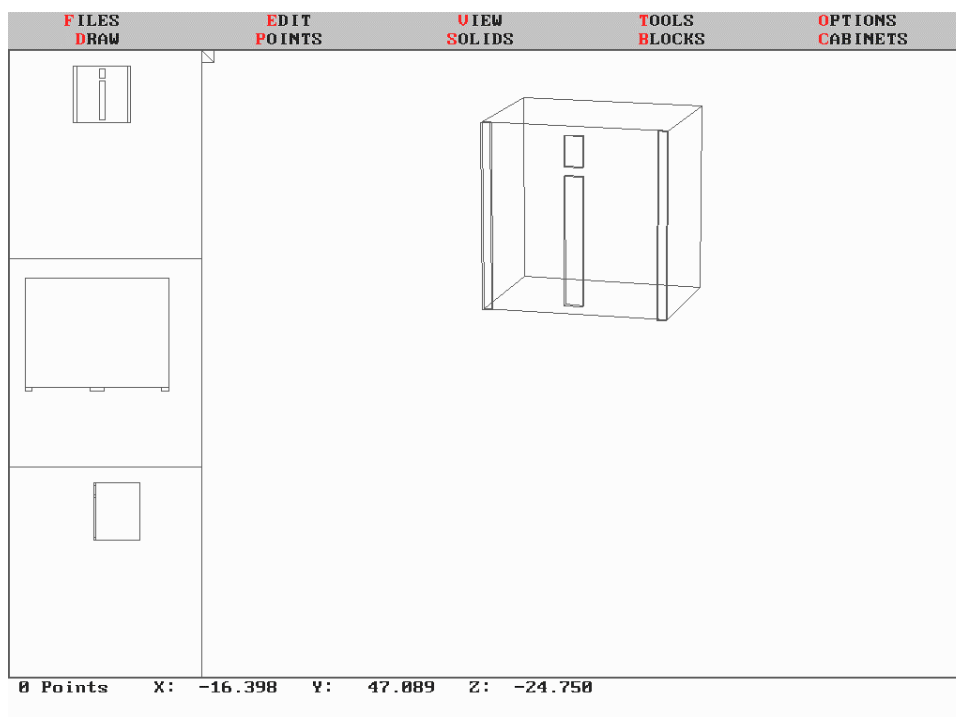
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P.O. Box 1881
Port Angeles, WA 98362
(360)-457-0855

Sample Cabinet Layer Detail

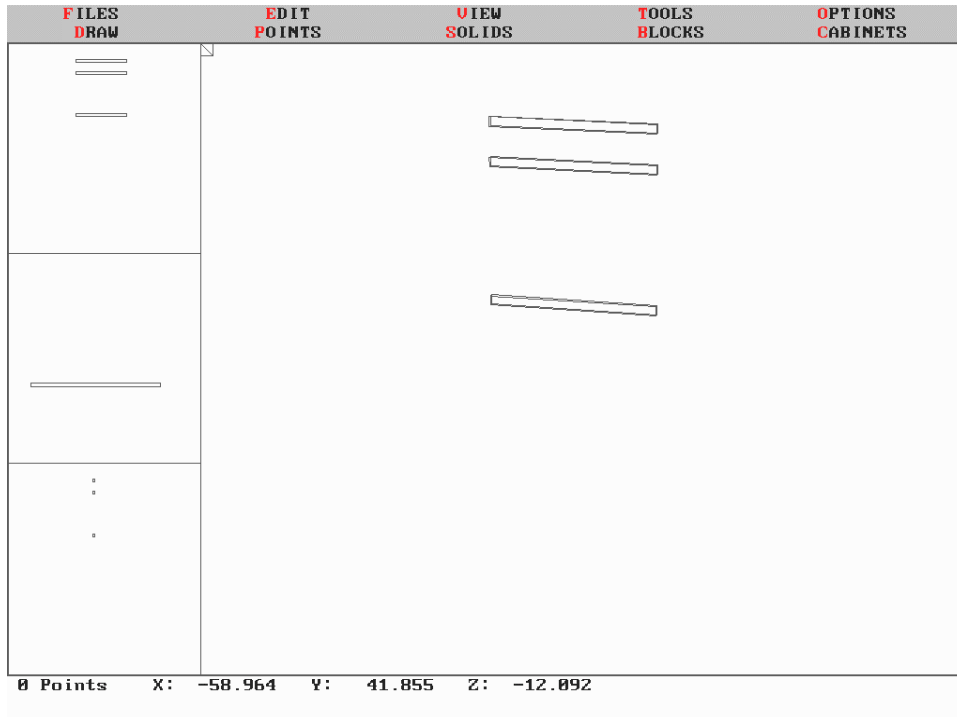
Designer Plus draws a cabinet over several layers. This is done so that you may manipulate a drawing more effectively. For instance to make a drawing for use as a 3D presentation you would not want dimension information in the drawing, so to remove it you 'turn off' (hide) the layer with the dimension information.

All of the pictures of the layers below are at the same scale and placement. The ability to view attributes, which are the individual parts of a parts list, has been turned on, so that you can see where they are placed in relationship to the drawing. The hidden line and shaded drawings at the end of this section have been zoomed (enlarged) to show more detail.

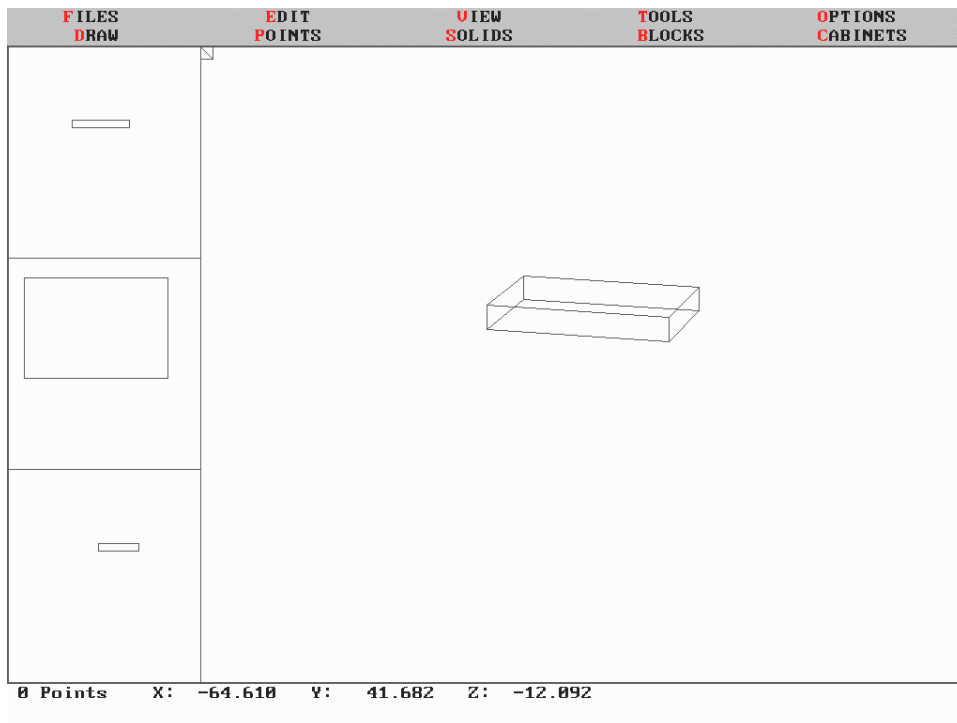
The sizing in these pictures are in inches DesignCAD draws in full size units (could be ant legs). Designer Plus uses 1.5 drawing units as the default text size, and 3.8 when using metric.



Layer 4: Contains the parts of the cabinet box that would normally have a vertical wood grain direction.

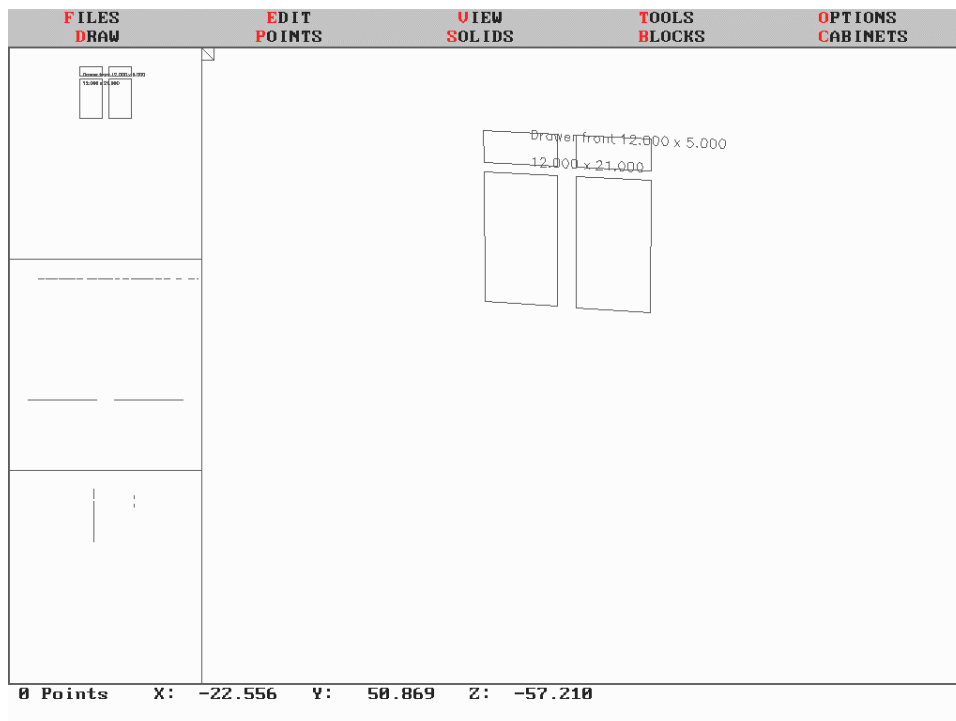


Layer 5: Contains the parts of the cabinet box that would normally have a horizontal wood grain direction.



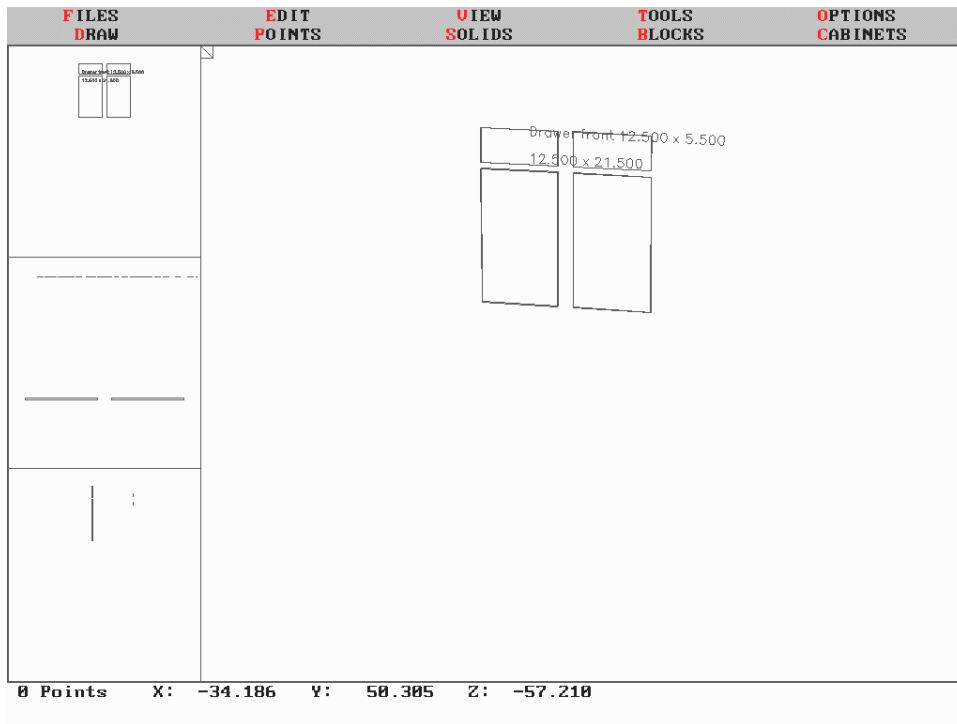
Layer 7: Contains the toe kick.

Layers 10-15 are door blank overlay construction layers. These layers are used as a foundation for drawing the styled doors. Any of overlay types that you do not use may be turned off in the setups so they will not be drawn (not available in the demo version of Designer Plus).

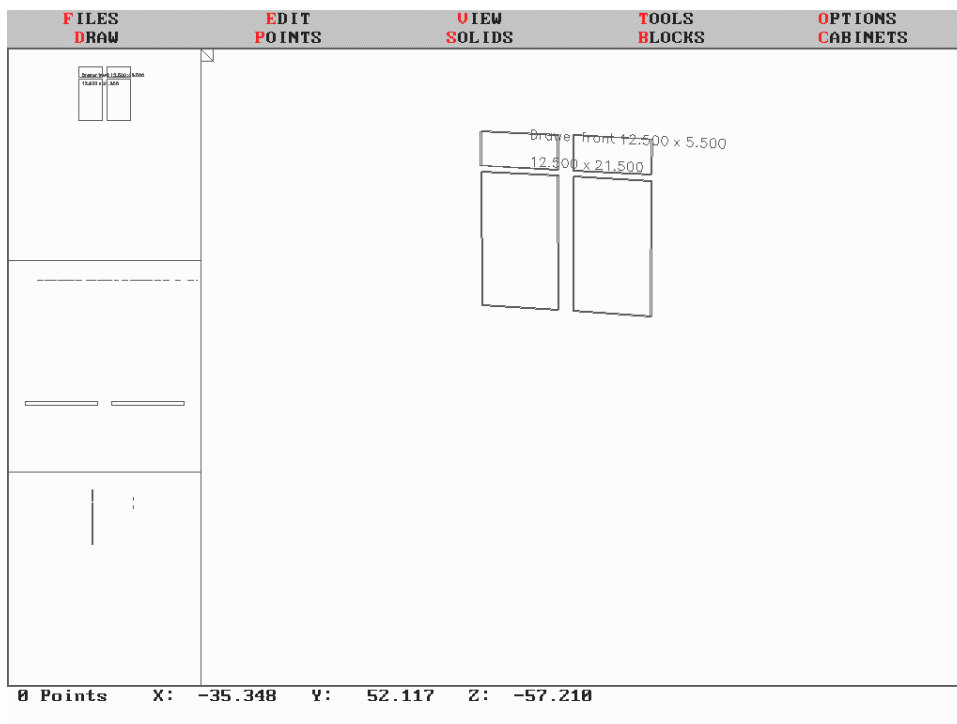


Layer 10: Contains the flush inset door overlay blank. No allowance is made for door reveal in the drawing or in door/drawer sizing.

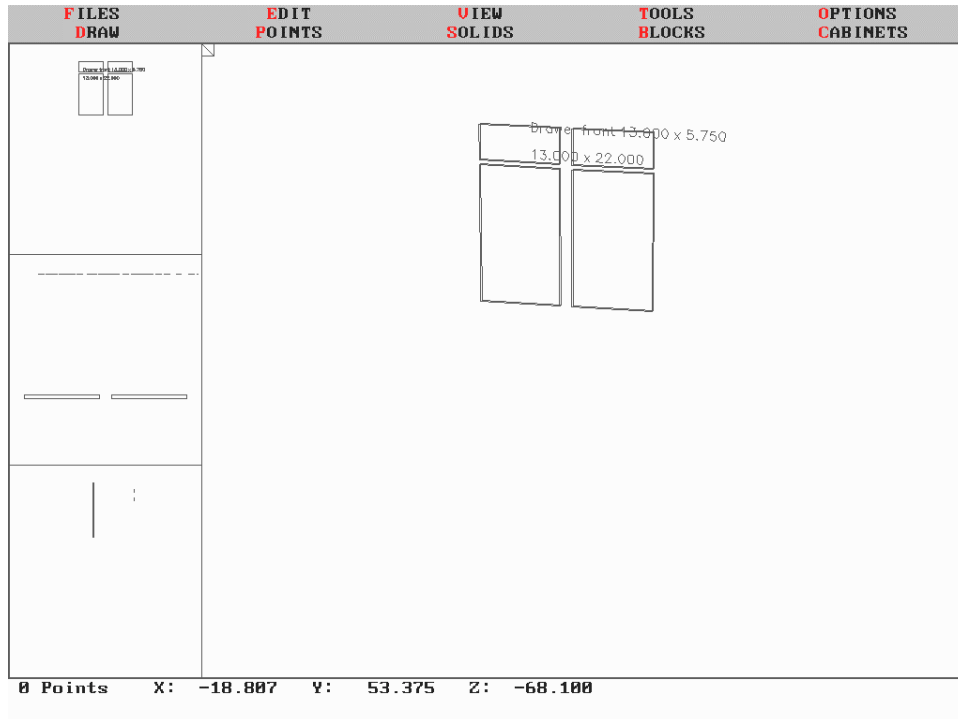
If the flush door overlay blank (layer 10) is not drawn (turned off in the set-ups) then the door-opening dimensions are not made in layer 29.



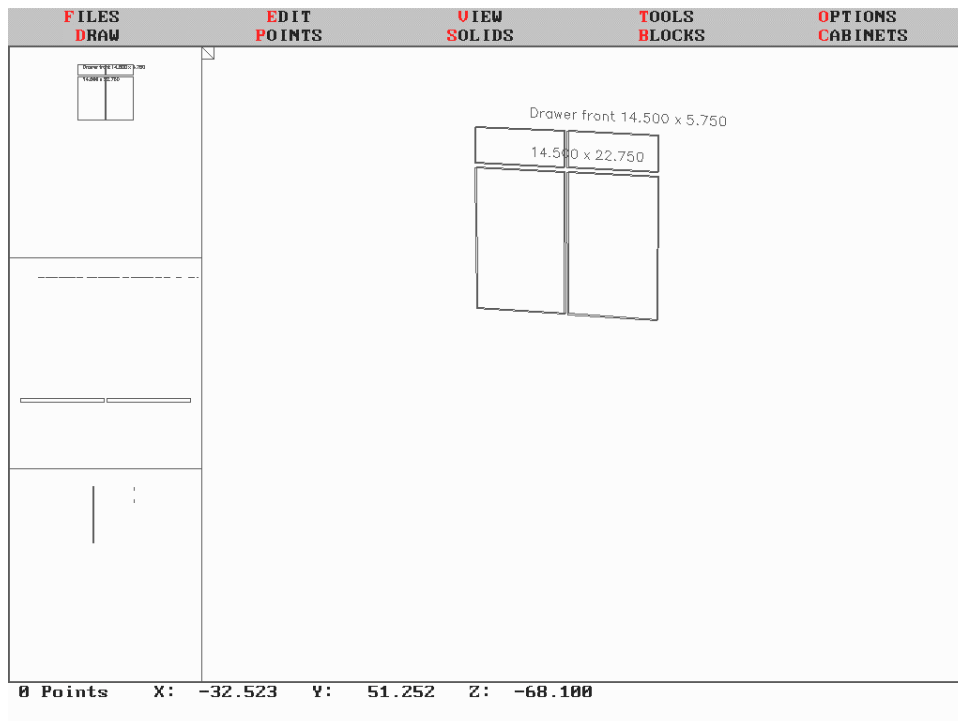
Layer 11: Contains the 3/8" (9.5mm) inset overlay blank.



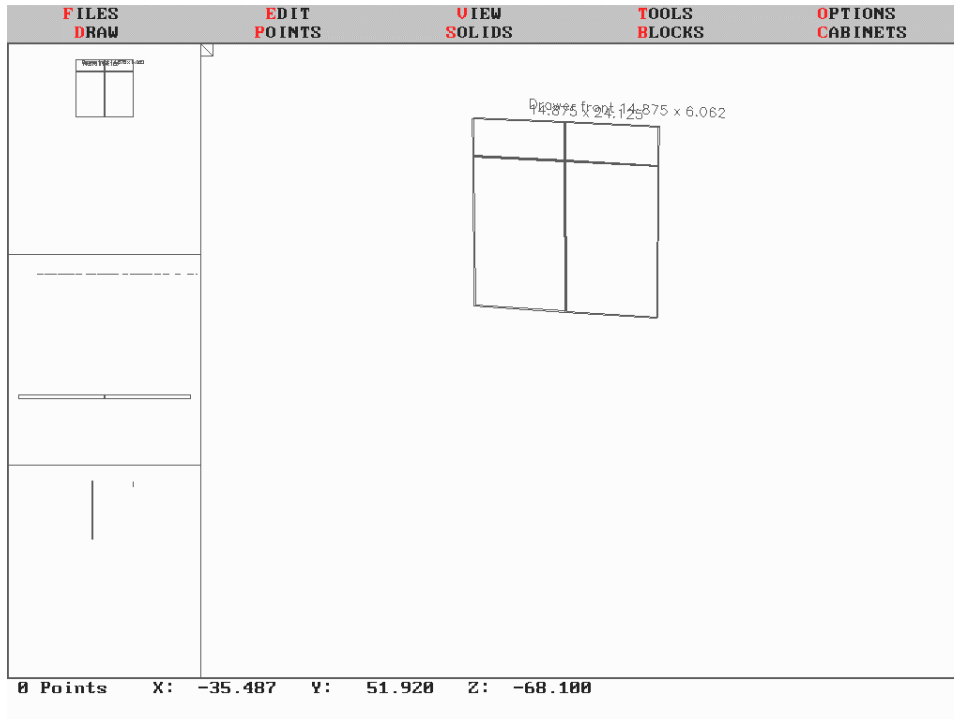
Layer 12: Contains the 1/4" (6.4mm) overlay blank. The sizes are the same as the 3/8" inset blank.



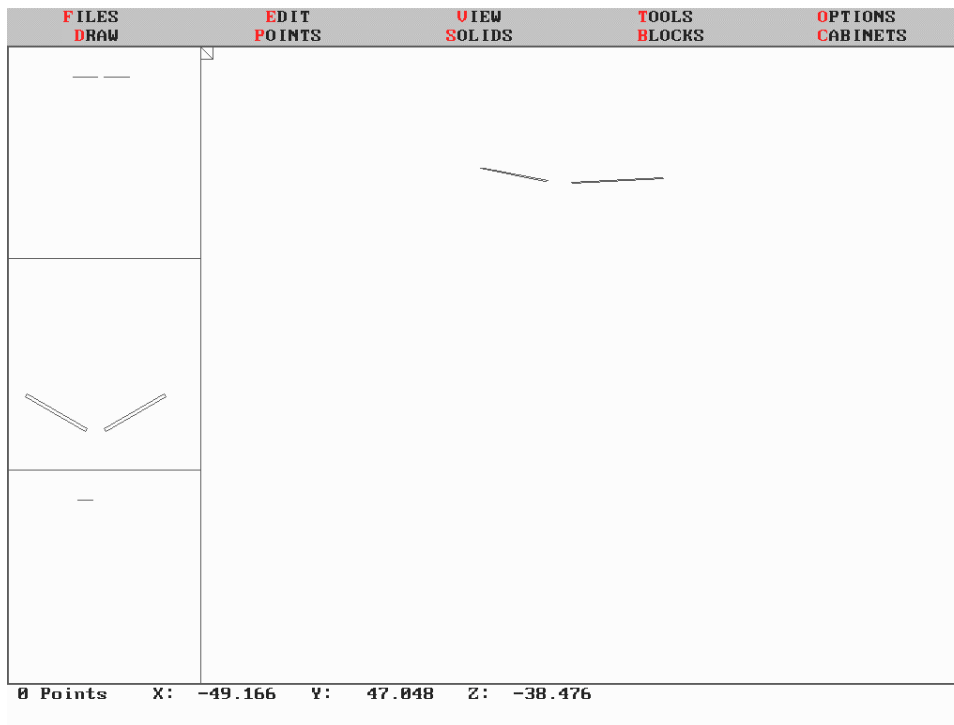
Layer 13: Contains the 1/2" (12.7mm) overlay blank.



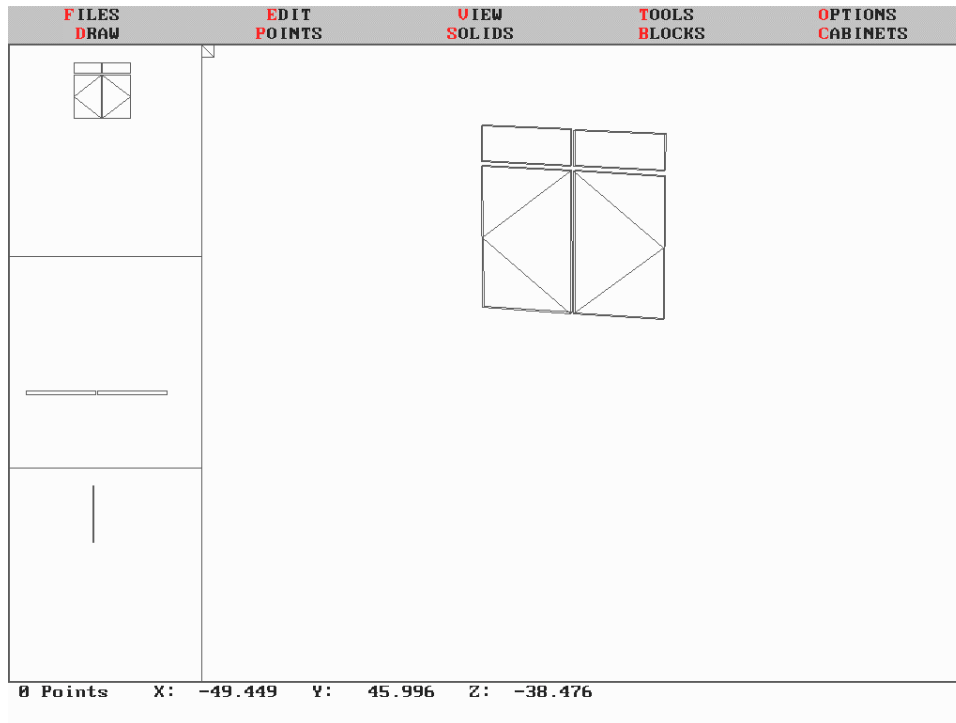
Layer 14: Contains the 1-1/4" (31.8mm) overlay blank.



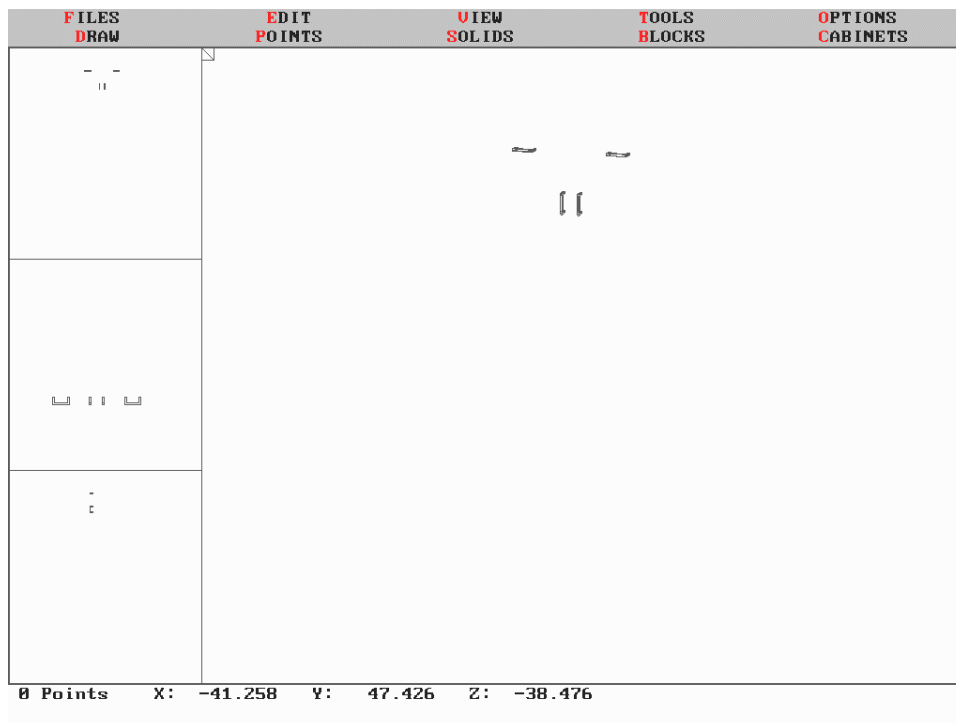
Layer 15: Contains the full overlay blank. This is the only door blank available if this is frameless construction. You can set the reveal (space between the doors) to anything you wish, all reveals will be the same.



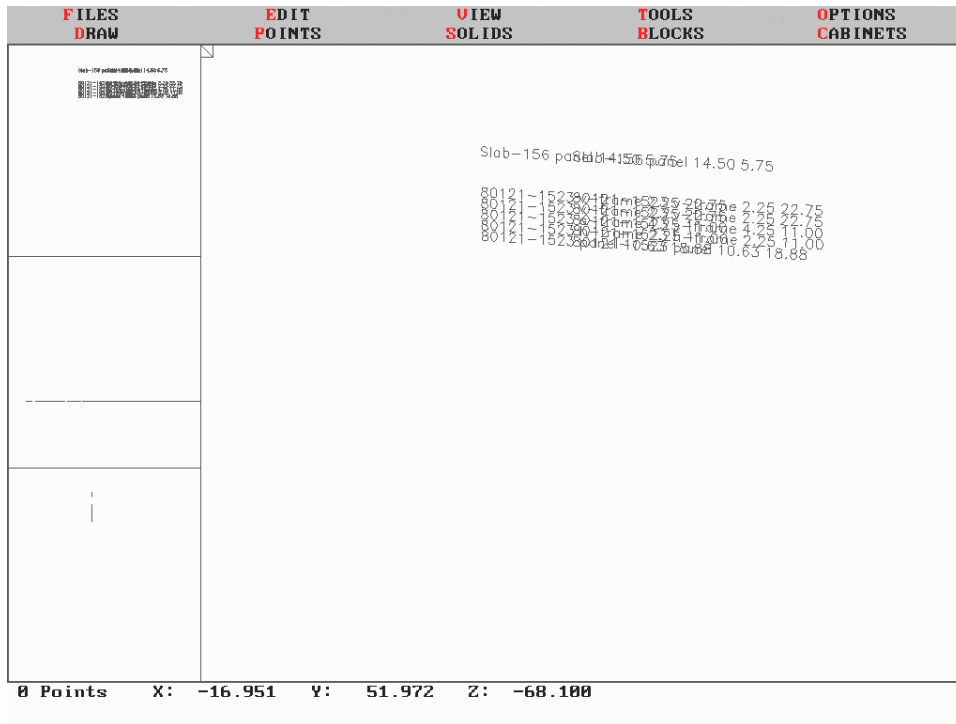
Layer 16: Contains the plan view door swings.



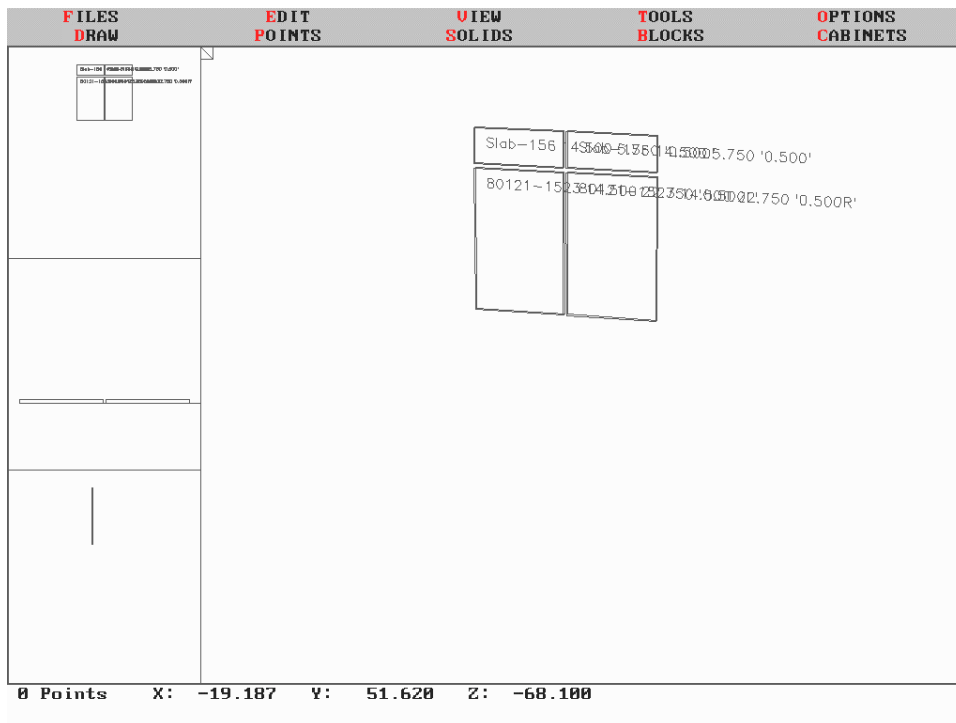
Layer 17: Contains the elevation view door swings.



Layer 18: Contains the knob (pull) drawings. Designer Plus automatically places a pull drawing from a file. You can also create your own pull drawing for Designer Plus to use.



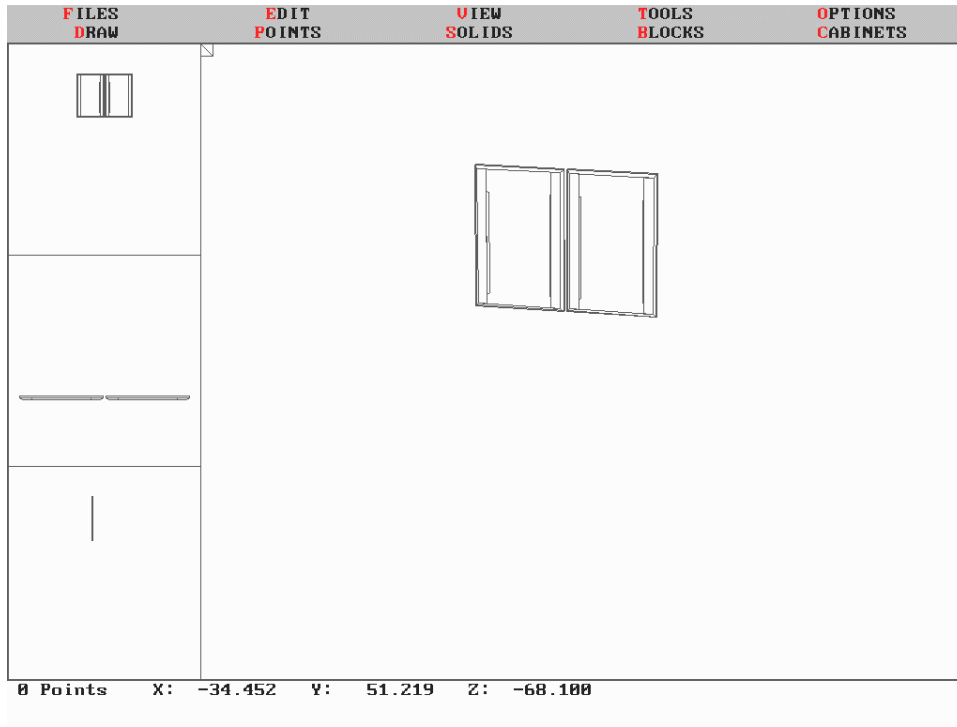
Layer 19: Contains the attributes for the styled door parts list. This list is used to make a cutting list.



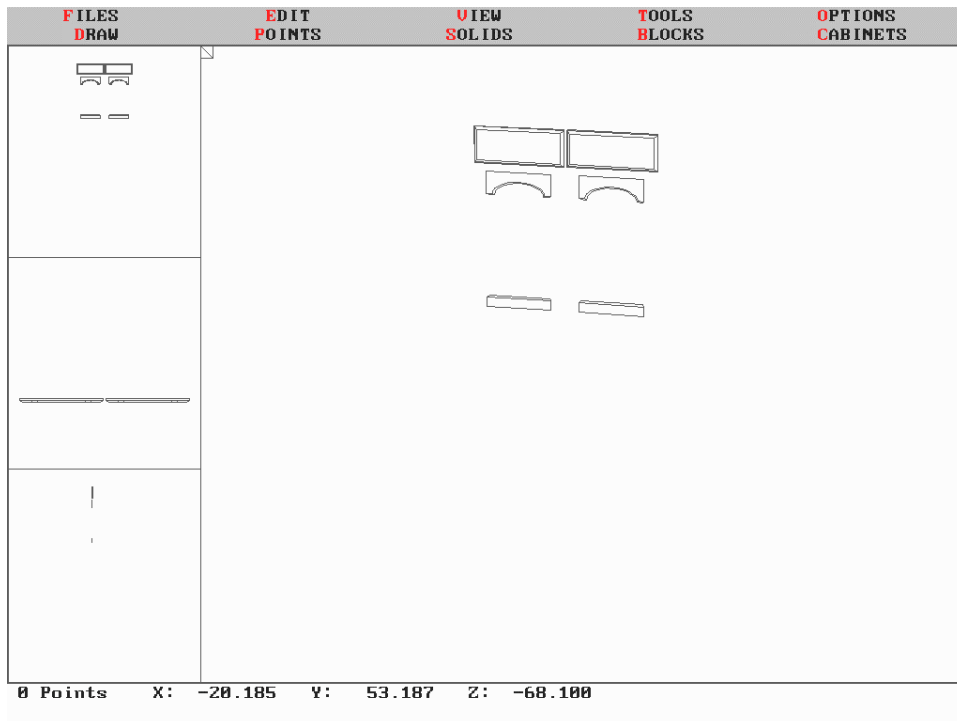
Layer 20: Contains the styled door or editing blanks (shown) and the styled door/drawer attribute list. If the shading option of Designer Plus is turned on the door drawn is a 3D object spread

over several layers. If there is an edge detail the door edge is no longer flush with the face of the door. The blanks are used for locating points to change the styled door because of this. If the shading option of Designer Plus is turned off then the styled door is drawn in this layer and the edge is drawn in layer 21.

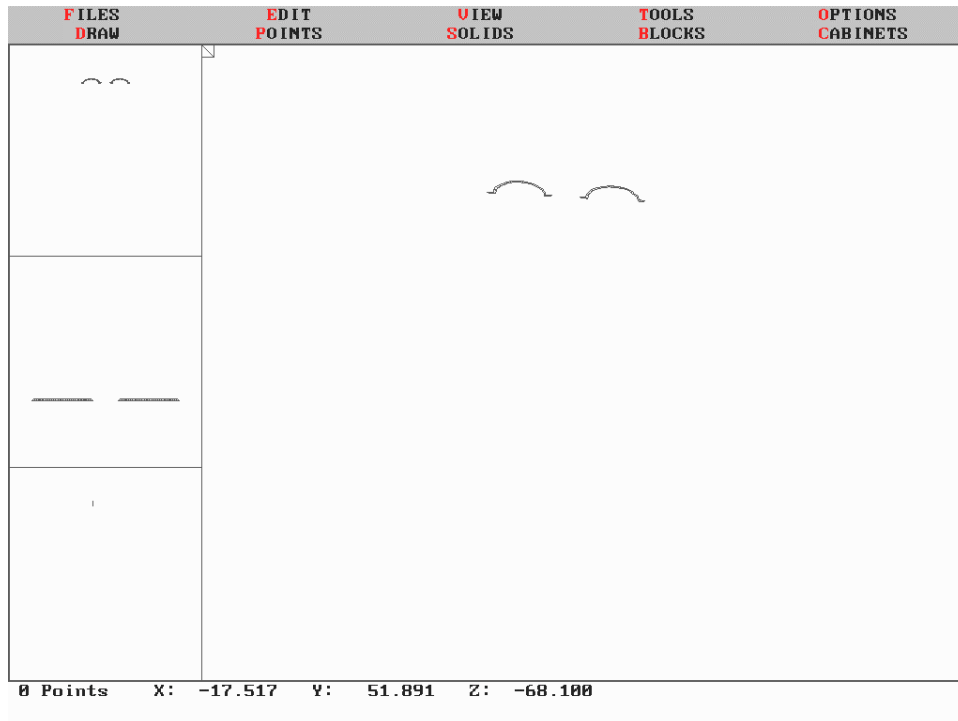
The next few layers aid the selection of the styled doors for the application of wood grain textures using DesignCAD 97 or later.



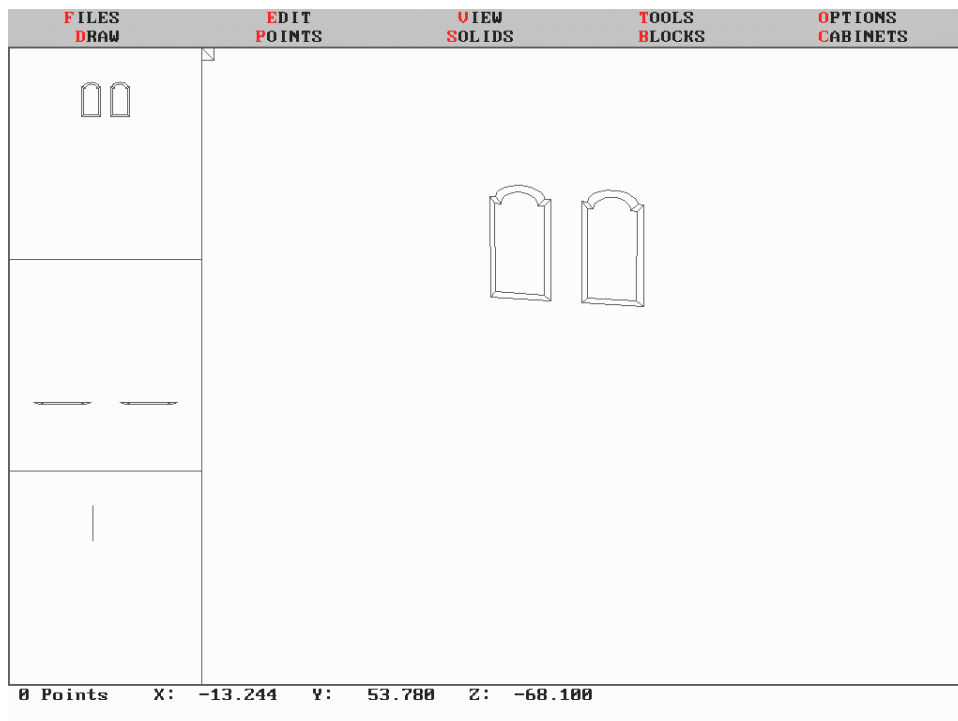
Layer 22: Contains the vertical wood grained frame parts of styled doors.



Layer 23: Contains the horizontal wood grained parts of styled doors.



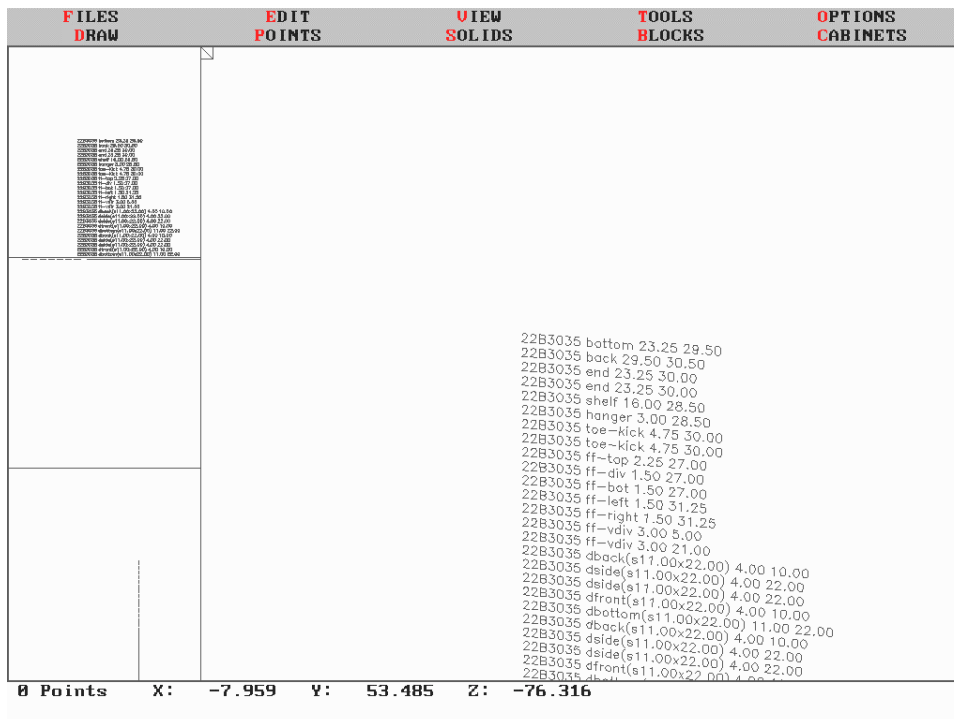
Layer 24: Contains the frame plains of arch shaped doors (used for shading and texture mapping only).



Layer 25: Contains the panel area of the styled doors.

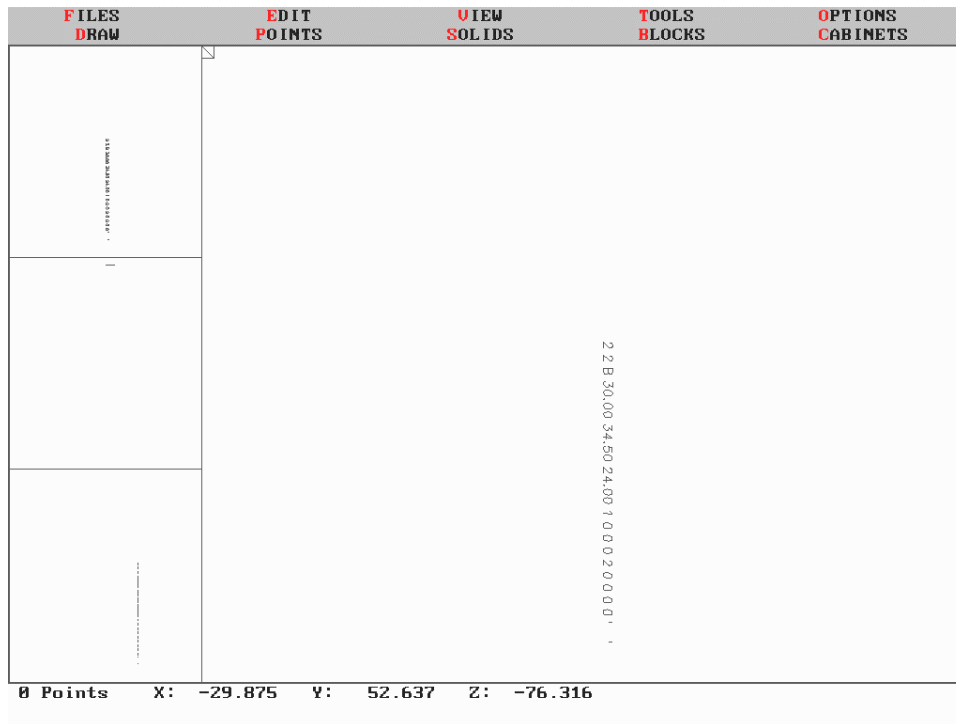


Layer 26: Contains the panel plains of arch shaped doors (used for shading and texture mapping only).

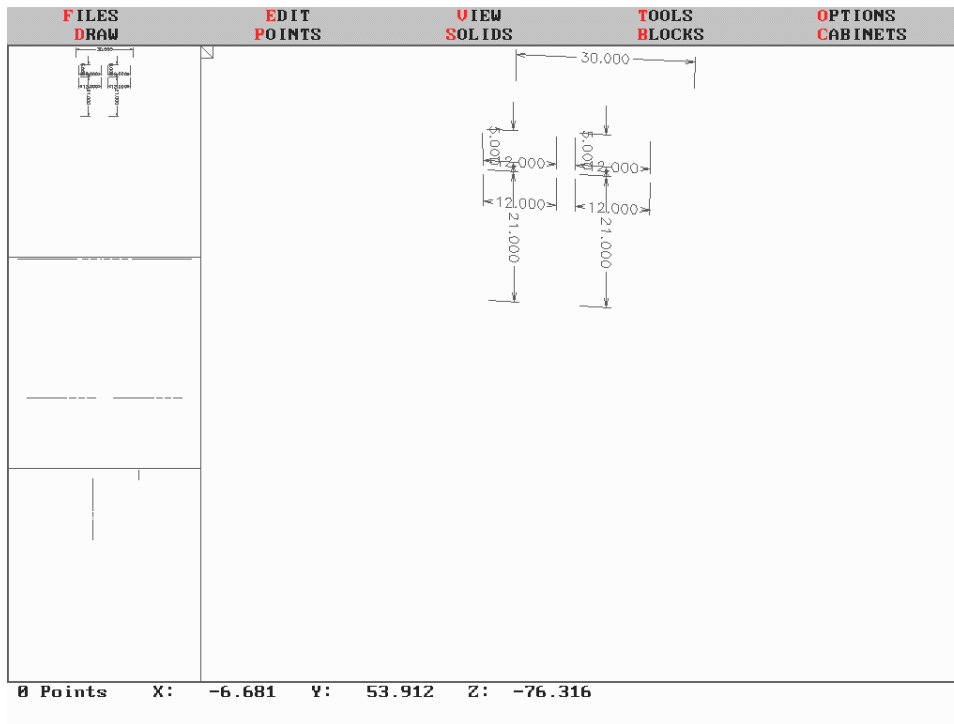


Layer 27: Contains the part list attributes used for creating the cutting list. You edit this list by selecting an item to remove

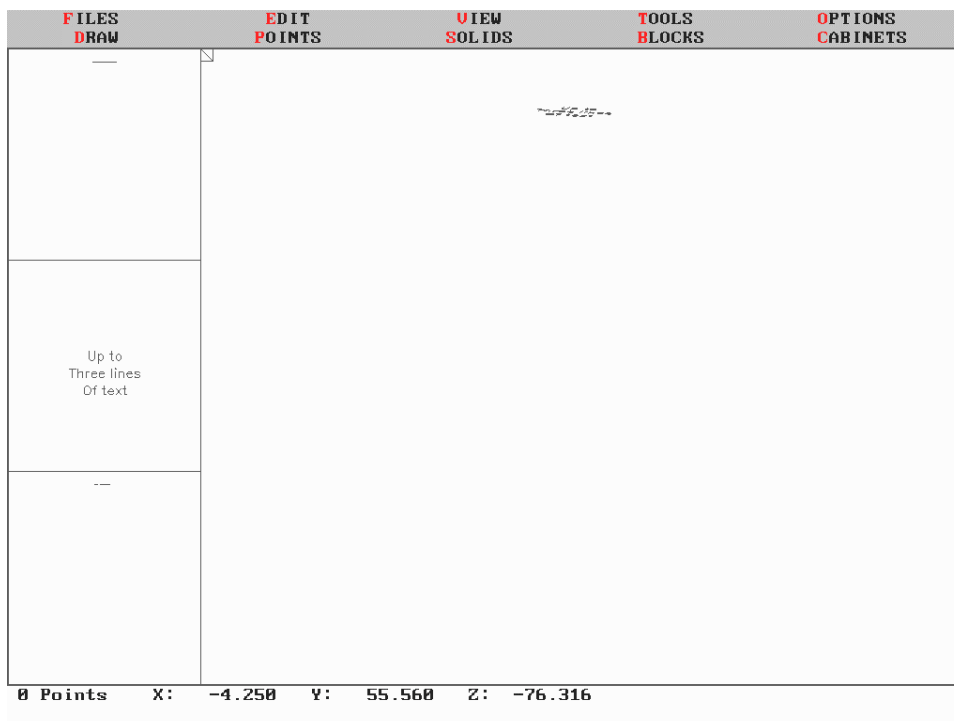
and using the 'E' key to erase the item. To add an item place a point at the extreme left of the text press '\$' (dollar sign) and type the new attribute item, press enter to add it to the drawing. The reports made by Designer Plus read attributes from only the layer in which a specific attribute belongs. If you are editing an attribute part list be sure you are using the correct layer (L).



Layer 28: Contains the elevation nomenclature text.



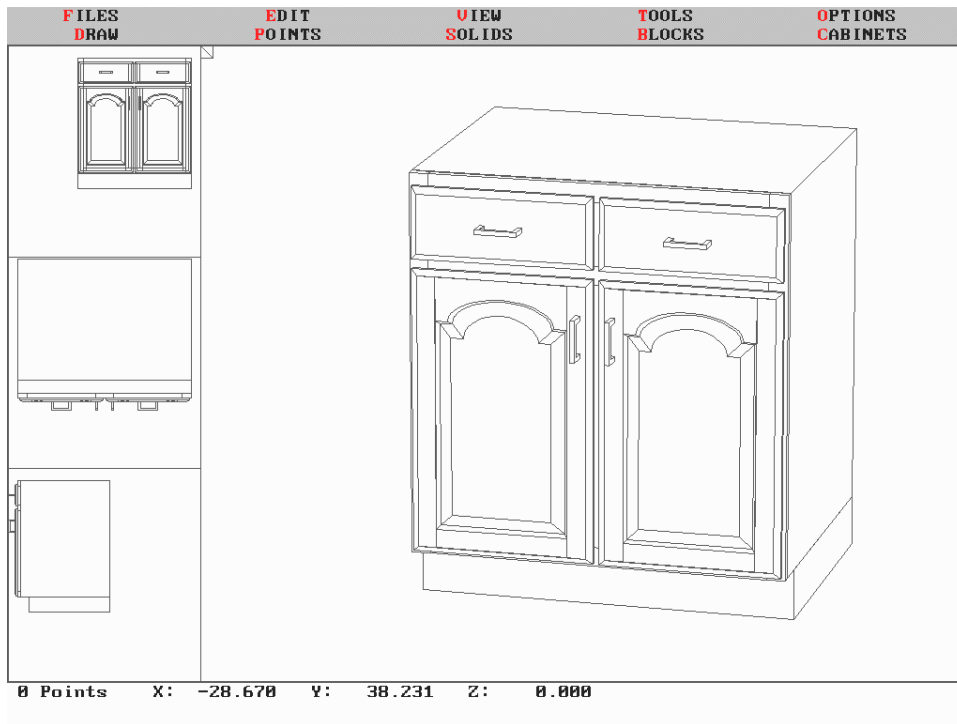
Layer 29: Contains Designer Plus generated dimensions. If the flush door overlay blank (layer 10) is not drawn then the door-opening dimensions are not made.



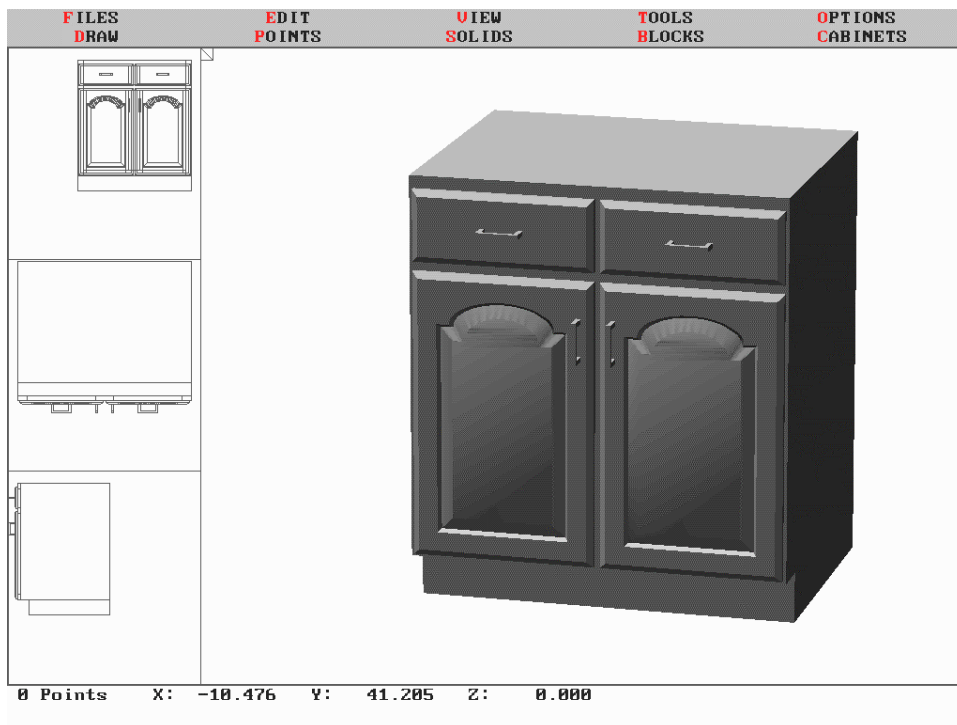
Layer 30: Contains the user entered text. This text is placed, centered in the front 12" of the cabinet by Designer Plus.



Layer 31: Contains the cabinet plan nomenclature text and the cabinet attribute for making a cabinet list.



This is a hidden line drawing using layers 4, 5, 7, 18, 22, 23, and 25.



This is a shaded drawing using layers 4, 5, 7, 18, and 22 - 26.